

What is claimed is:

1. A cooling system for a movable body, the cooling system operating a refrigerator, the refrigerator comprising:

an ejector pump, wherein the ejector pump ejects a fluid at a high speed that is heated by a first heating element to circulate refrigerant by using an entrainment effect of the fluid ejected at high speed;

a radiator, wherein the radiator cools the refrigerant ejected from the ejector pump; and

an evaporator, wherein the evaporator evaporates the refrigerant to generate refrigerating capacity.

2. The cooling system for a of claim 1, further comprising:

a cooling air switching means, wherein the cooling air switching means compares a temperature of air outside the movable body with a temperature of air inside the movable body, and supplies the radiator with air at a lower temperature as air for radiation.

3. The cooling system for a movable body according to claim 2, further comprising:

a cooling mode selecting means for selecting and carrying out a cooling mode including a cooling air increase mode and a radiation air increase mode, the cooling air increase mode increasing an amount of air blowing on the second heating element in order to increase the cooling capacity for cooling the second heating element, the radiation air increase mode increasing an amount of air for radiation in order to increase the cooling capacity for cooling the second

heating element.

4. The cooling system for a movable body according to claim 3, wherein

air passing through the evaporator blows on the second heating element, and

the cooling mode selecting means starts to carry out the cooling air increase mode under a condition that an air blower for blowing air for radiation is stopped.

5. The cooling system for a movable body according to claim 4, wherein

the cooling mode selecting means actuates the cooling air switching device after carrying out the radiation air increase mode.

6. The cooling system for a movable body according to claim 3, wherein

the cooling mode selecting means carries out any one of the cooling air increase mode and the radiation air increase mode, under a condition that air outside the movable body can be supplied to the radiator as air for radiation.

7. The cooling system for a movable body according to claim 4, wherein

the cooling mode selecting means carries out any one of the cooling air increase mode and the radiation air increase mode, under a condition that air outside the movable body can be supplied to

the radiator as air for radiation.

8. The cooling system for a movable body according to claim 5, wherein

the cooling mode selecting means carries out any one of the cooling air increase mode and the radiation air increase mode, under a condition that air outside the movable body can be supplied to the radiator as air for radiation.

9. The cooling system for a movable body according to claim 3, wherein

an amount of blowing air is controlled within a range less than a possible maximum amount thereof in at least one of the cooling air increase mode and the radiation air increase mode.

10. The cooling system for a movable body according to claim 4, wherein

an amount of blowing air is controlled within a range less than a possible maximum amount thereof in at least one of the cooling air increase mode and the radiation air increase mode.

11. The cooling system for a movable body according to claim 5, wherein

an amount of blowing air is controlled within a range less than a possible maximum amount thereof in at least one of the cooling air increase mode and the radiation air increase mode.

12. The cooling system for a movable body according to claim 6, wherein

an amount of blowing air is controlled within a range less than a possible maximum amount thereof in at least one of the cooling air increase mode and the radiation air increase mode.

13. The cooling system for a movable body according to claim 7, wherein

the cooling mode selecting means has an emergency cooling mode that compares a temperature of air outside the movable body with a temperature of air inside the movable body, supplies air at a lower temperature to the radiator, and causes the maximum possible amount of air to blow on the radiator and the second heating element.

14. The cooling system for a movable body according to claim 1, the refrigerator further comprising:

a first refrigerant circuit having a heat recovery circuit for exchanging heat between the first heating element and the refrigerant, ejecting the refrigerant thereby taking heat from the first heating element via the heat recovery circuit with the use of the ejector pump into the radiator, making the radiator dissipate the heat of the refrigerant, separating the refrigerant into a gas-phase refrigerant and a liquid-phase refrigerant by a gas-liquid separator, and making the gas-phase refrigerant return to the heat recovery circuit; and

a second refrigerant circuit for decompressing the liquid-phase refrigerant, separated by the gas-liquid separator,

with the use of decompression means, making the decompressed refrigerant pass through the evaporator to evaporate the refrigerant, returning the evaporated refrigerant to the ejector pump to eject into the radiator, and returning the refrigerant to the gas-liquid separator via the radiator.

15. A cooling method for a movable body, the cooling method comprising the steps of:

absorbing heat from a first heating element which is installed in the movable body;

operating a refrigerator with the absorbed heat; and

cooling a second heating element, which is installed in the movable body, with the refrigerator.